

21 cm
an amplifier;

a connecting cable coupling the amplifier to the predistortion network.

Please cancel claim 3.

REMARKS

Applicant wishes to thank the Examiner for the thorough examination. In the Office Action mailed May 7, 2001, claims 1-19 are pending in the application. Claims 12-14, 18 and 19 were allowed. Claim 3 is allowable if rewritten in independent form.

The drawings stand objected to under 35 CFR §1.83(a). The Examiner is directed to Fig. 9 which shows the second limiter as reference numeral 68 and the third attenuator as reference numeral 66. The transmission line is reference numeral 60.

Claims 1-10 and 15-17 stand rejected under 35 USC §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.


The predistortion network is disposed in the high temperature zone and not the traveling wave tube as recited in claim 1. The applicant has amended claim 1 to include the limitation of claim 3 which states that the predistortion network is in high temperature zone and not the traveling wave tube as previously claimed. Claims 8 and 15 were determined to be unclear by the Examiner for recitation of the transmission line. Applicant directs the Examiner to the specification in which the transmission line 60 is set forth therein. With respect to claims 9 and 16, the third attenuator is set forth in Fig. 9 which is reference numeral 66. With regard to claims 10 and 17, the second limited is set forth as reference numeral 68.

Claims 1, 2 and 11 stand rejected under 35 USC §102(b) as being anticipated by admitted prior art. Claims 4-6 stand rejected under 35 USC §103(a) as being unpatentable over

applicant admitted prior art. Applicant has amended claim 1 to include the limitation of claim 3. Claim 3 was indicated as allowable by the Examiner if rewritten in independent form. The modification to claim 1 is now believed to overcome the rejection.

In light of the above amendments and remarks, applicant submits that all objections and rejections are now overcome. Applicant has added no new material to the application by these amendments. The application is now in condition for allowance and expeditious notice thereof is earnestly solicited. Should the Examiner have any questions or comments which would place the application in better condition for allowance the Examiner is respectfully requested to call the undersigned attorney. Please charge any fees required in the filing of this amendment to Deposit Account No. 50-0476.

Respectfully submitted,


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VERSION WITH MARKINGS TO SHOW CHANGES MADE IN THE CLAIMS

In The Claims:

1. (Amended) A traveling wave tube circuit assembly comprising a

traveling wave tube:

a predistortion network RF coupled to the traveling wave tube, said predistortion network [and] disposed in a high temperature zone [the traveling wave tube];

an amplifier;

a connecting cable coupling the amplifier to the predistortion network.

Please cancel claim 3.